

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Taybati

Application No.: 10/036,125

Filed: 12/26/2001

Title: Asymmetric Fabry-Perot Modulator with a
Micromechanical Phase Compensating Cavity

Attorney Docket No.: CORE-19 120-386

Nortel: 13105CK

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Group Art Unit: 2873

Examiner: Thomas

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RESPONSE AFTER FINAL

Dear Sir:

In response to the Final Office Action of October 17, 2003, please amend the claims to this application as indicated on the attached sheets.

REMARKS

Reconsideration and further examination is respectfully requested. Claims 1-9 are currently pending in this application.

Rejections under 35 U.S.C. §102

Claim 2 was rejected under 35 U.S.C. §102(b) as being anticipated by Whitehead (5,426,312).

Whitehead describes an asymmetric Fabry-Perot modulator comprising a multiple quantum well (MQW) p-i-n diode defined by a front surface of reflectivity and back surface of